

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1, 3-9, 11-17 and 19-21 are pending, with Claims 1, 9, 17, 20 and 21 amended, and Claims 2, 10 and 18 cancelled by the present amendment.

In the Official Action, the title was objected to; Claims 1, 7-9, 15-17, and 20-21 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Holt et al. (U.S. Patent Publication No. 2004/0096017, hereinafter “Holt”) in view of Rawlins et al. (U.S. Patent No. 7,010,559, hereinafter “Rawlins”); Claims 3-5, 11-13, and 19 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Holt and Rawlins in view of Naoki et al. (JP 2002-312167, hereinafter “Naoki”) and Ishii (U.S. Patent No. 6,606,347); Claim 6 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Holt and Rawlins in view of Takada (U.S. Patent Publication No. 2002/0155812) and Naoki; Claim 14 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Holt, Rawlins, Naoki, Ishii, and Takada; and Claims 2, 10, and 18 were indicated as containing allowable subject matter.

Applicants acknowledge with appreciation the indication of allowable subject matter.

The title is amended in response to the outstanding objection. Claims 1, 9, and 17 are amended to recite the features of allowable dependent Claims 2, 10 and 18. Claims 20 and 21 are similarly amended. No new matter is added.

Applicants acknowledge with appreciation the personal interview between the Examiner and Applicants’ representative on July 25, 2007. During the interview, Applicants’ specification, Figure 5 and a proposed amendment to the claims were compared to the disclosures of Holt and Rawlins. The Examiner acknowledged that both Holt and Rawlins fail to disclose or suggest “[a] correlation unit detecting the degree of correlation with a preceding wave and a k-chip delay wave...” Presently, such language is not explicitly recited

in the claims. Presently, Applicants elect to expedite issuance of a patent from the present application based on claims indicated as containing allowable subject matter. Applicants reserve the right to file one or more continuation applications reciting a correlation unit detecting the degree of correlation with a preceding wave and a k-chip delay wave.

Accordingly, in view of the present amendment and in light of the previous discussion, Applicants respectfully submit that the present application is in condition for allowance and respectfully request an early and favorable action to that effect.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413-2220
(OSMMN 06/04)

Michael E. Monaco
Registration No. 52,041

I:\ATTY\MM\251142US-AM2.DOC